## ENVIRONMENTAL SERVICES UTILITY BOARD MEETING AGENDA

Monday, October 17th, 2022 5:30PM

I.	Public Comments		
II.	Roll Call		
III.	Approval of Minutes		
IV.	Approval of Bills		
V.	Reports A Monthly Activity B Financials		
VI.	Old Business		
VII.	Unfinished Business		
VIII.	New Business  A Manhole Rehabilitation – Recommendation of Low Bid  B Discussion Only – Hydro Update Dam Inspection  C Discussion Only – DPW Doors		
IX.	Executive Session (if necessary)		
X.	Adjournment		



## ENVIRONMENTAL SERVICES UTILITY BOARD MEETING AUGUST 15TH, 2022 SUMMARY OF MINUTES

The meeting for Kankakee Environmental Services Utility was held on Monday, September 19<sup>th</sup>, 2022 at 6:00 P.M. in the Public Safety Building

#### ESU Members Present

Mayor Chris Curtis

Clerk Stacy Gall

Ald Carmen Lewis

Ald Mike Prude

Ald Mike O'Brien

Ald Larry Osenga

Ald Kelly Johnson

Ald Reginald Jones

#### **Staff Present**

Zach Newton, GIS/Opers Mgr James Lopez, DPW Opers Mgr Frank Hasik, Opers Mgr Ryan McGinnis, Opers Mgr Elizabeth Kubal, Comptroller

#### CALL TO ORDER

#### **MAYOR CURTIS:**

Good evening everyone. It's 5:31P.M. and we're going to call the Environmental Services Utility Board Meeting to order for Monday, September 19<sup>th</sup>, 2022. We will start with public comment. Any public comment today? Seeing none, we'll move on to Roll Call

#### **ROLL CALL**

**ZACH NEWTON:** 

Ald Lewis - Present

Ald Swanson - Absent

Ald Prude – (in late)

Ald Johnson - Present Ald Jones - (in late)

Ald O'Brien - Present

Clerk Gall – Present

Ald Osenga – Present Mayor Curtis - Present

PRESENT (at time of roll call): 6

ABSENT: 1

#### APPROVAL OF MINUTES

**MAYOR CURTIS:** We do have a quorum? You have a in front of you the minutes

from the August 15th, 2022 meeting. Looking for a motion for

approval.

**ALD OSENGA:** Motion to approve.

ALD LEWIS: Second.

MAYOR CURTIS: Motioned by Alderman Osenga and Seconded by Alderwoman

Lewis. Any questions, comments, changes, additions to the

minutes? Hearing none, Roll Call.

**ZACH NEWTON:** Ald Lewis - Aye Ald Swanson – Absent

Ald Prude – (in late)
Ald O'Brien - Aye
Ald Osenga – Aye

Clerk Gall – Aye

AYES: 5 ABSENT: 1

APPROVAL OF BILLS

MAYOR CURTIS: Minutes are approved. Next you should have the bills in front of

you for September 19<sup>th</sup>, 2022. Those totals in the amount of \$669,845.29 is there a motion for approval of the bills.

**ALD LEWIS:** Motion to approve.

ALD OSENGA: Second.

MAYOR CURTIS: Motioned by Alderwoman Lewis and Seconded by Alderman

Osenga. Any questions on the bills? Seeing none, Roll Call.

**ZACH NEWTON:** Ald Lewis - Aye Ald Swanson – Absent

Ald Prude – (in late)
Ald Johnson - Aye
Ald O'Brien - Aye
Ald Jones Aye (in late)
Ald Osenga – Aye
Clerk Gall – Aye

AYES: 5 ABSENT: 1

MONTHLY ACTIVITY REPORTS

MAYOR CURTIS: Bills are approved. Okay, we will move again to the reports and

we'll begin with monthly activities and we'll start with ESU

Street & Alley report for September 19th.

**JAMES LOPEZ:** Everything's in the report. We're gonna touch on some things.

We started working on Broomont Viaduct. We cut down all the overgrowth on the sidewalk, cleaned underneath it. We are starting to paint the outside and it's looking really good. And

from there, we're hoping to move to Hawkins and Water Street eventually. But it's looking really, really good. I want to talk about leaves because that's gonna be starting next month. And with that being said, I just want to remind everyone that please remind people not to put leaves with garbage and sticks because when you suck it up, that clogs the machine and we have to take the machine down which makes our job harder. And we do not go in alleys to pick up leaves. So, remind people of that too. I'll hit on it again in October. Later on, you guys will be noticing a Spry tar and chip machine. I think that's going to be a great asset. The things that it can do. It's not a permanent fix but it lasts a lot longer than cold patch and it gets into little crevices when you have the spider. It seals all that up and makes it last a lot longer. We're very excited and that's all I got.

**MAYOR CURTIS:** 

Any questions for Mr. Lopez? Alderwoman Johnson?

ALD JOHNSON:

We had a tree come down or being taken down (inaudible).

**JAMES LOPEZ:** 

We wait on that snake and I we both agree that it can hide. So, we're trying to see what happens if we take that down. Again, we lost Frank as a as a tree trimmer and he wasn't afraid of heights to take to the boom to the top. We have one that's he's okay with heights and we have one that isn't. That's why we're training. So, we'll be able to get it done.

**MAYOR CURTIS:** 

Our next report is Technical Services report. Ms. Hall is not with us tonight. So, if you want to take a look at the report that's provided there and if there's any questions, we'll try to answer them. We'll say their department has been very busy this past month with the electricians about 10 days ago, all the equipment came in for the cameras. So, they have spent a lot of time over the last 10 days leading up cameras throughout the city as quickly as possible. And then they're working on a lot of other things also believe it or not, it's that time of year and they're already thinking about Christmas. So, they're already planning ahead with what they need for lighting in different areas of the city. So those are two items within her department that are that they're dealing with right now. Next, we'll move on to the Sewer Services. Mr. Newton?

(Please note that Alderman Prude and Alderman Jones have entered the meeting)

**ZACH NEWTON:** 

So, this was a good month we were able to televise for 4 miles or so. On the second page, if you take a look we have talked a few times about Stone Street. Ryan's been a great help to me to try to get a handle on this. I did have a meeting with one of the industrial users because if you take a look at the chart, we've had really no issues for the longest time with H2S and then really earlier this summer, we did and it got to the point where we were having issues being able to go down to stone street safely

because the H2S levels. So, we had a meeting with the industry and the next day it seemed the H2S levels dropped. They havent been perfect but they have been considerably better since then. So, it's just one of those things we got to continue to monitor, keep an eye on, and we'll go from there. The other thing for this month was the construction. We had 22 repairs this month. A lot of construction. Just a lot of things popping up that we had to take care of.

**MAYOR CURTIS:** 

Any questions? Okay. Next is the Industrial Lab Services report.

**RYAN MCGINNIS:** 

As far as the Lab, things are running pretty smooth for us. To piggyback off what Zach was saying, we have been working with this industrial user to try to come up with solutions to fix this problem that way we're not incurring any damage to our infrastructure, but we're trying to get that under control. So, there's still some same conversations to be out there but we are working on that. As far as the truck that was ordered, still no update on that. Still waiting for to build things on that. And then the ICP machine that was purchased, we've exerted some delays in order and purposes. So, because of the nature of trying to keep costs down in terms of switching over from the unit we're using now to the newer one. We're kind of trying to wait until everything comes in to get all installed at once so that we're not doing extra costs.

#### FINANCIAL REPORT

**MAYOR CURTIS:** 

Any questions for the Lab Services? Thank you we will now move to Item 5D and that is the Financial Report. Comptroller Kubal can you give that report?

**ELIZABETH KUBAL:** 

Let's look at first page one of three as it's labeled at the top. These are for the month completed August 31 of 2022. That means that we are at the four-month mark of the year which is 33%. You can see as we go on one that whole entire first really the whole first column. Everything is below budget right now. You're at 23.6% for the administration budget, which of course has lots of miscellaneous items in it as we know, sewer services groups at 27.1% wastewater treatment 33.3 is it's perfectly in line. As we do that, obviously once a month you all for those bills, top of page two Technical Services at 31.2%. With no items really a couple of items even along the way. You know there was some that are a little out of line but there's a lot of times we have you know expenses as you all know that come sooner in the year than other ones do. They start to become more than that. We look at them closely as time goes on. Laboratory Services going down is that 26.1% just a couple of line items, the 33% debt service is at 34.9% catch up payments there for that. going to page three Public Works group is at 29.7%. All those line items are very strong going into the winter months when we

tend to spend more money in that department of course with snow and such. The total utility expense overall is 30% which is excellent. We spent just a little shy of \$6.1 million so far this year. The revenue reports not as strong as I would like but stronger than I anticipated it was going to be so I was a little fearful we were going to go into August like 28 or 29% and we're actually at 31.8% which is 32 obviously rounded, which makes me feel a lot better about where we're at all those line items. You can see there's a couple where you know like, we collect all, but otherwise they're coming in slow but strong. We did just get the report Maureen and I did from Aqua on Friday morning and that wasn't very strong collection. So, you know those numbers in such we get those get reported then the next month, it was a very, very strong month. So, I'm very pleased to report that public safety, although the city side was very strong as well. So always good. Good things to note we have not transferred money to the capital account recently. We will be getting ready to do that most definitely in the month of October coming up we will have a payment to the IEPA for our loan that we took out for Stonestreet and then we do pay some bond payments the beginning of November. So, although some of these reserves are starting to go up and in amounts as you can see, we're getting ready to pull down on some of those here in the upcoming months.

#### **NEW BUSINESS**

**MAYOR CURTIS:** 

Any questions? Thank you. Alright, we're move on to Item 6. That is Old Business, we have none. Item 7 is Unfinished Business we have none. So, we'll move into Item 8 and that is new business. We'll start with manhole inspection report. You should have in your packet there a lot of different pictures and this is just two portions of the I&I study the important inflow and infiltration study that we authorized. The manholes section is completed. They're now working on the sewer lining cameras. You'll see in their reports that they did or different things than just going out for bid to for repair the manhole and trying to find the dates. Zach mentioned on September 29. We have a bid opening for the manholes repair, we'll see where those numbers come in at. If you remember at the last ESU meeting and last ARPA meeting, we allocated money through ARPA for that repair. Right now, the sewer lining camera and report is forthcoming. That is a different repair that we're looking at if you remember correctly that we allocated about 600,000 for a manhole and then where the lining comes in and as another 600,000 for that repairs. Are there any questions? We would anticipate at this point that we would bring that back at the next ESU meeting and provided that they are in line where we hope they will be and also for the City Council to start those manhole repairs. Zach, can you update us on the flow meters? If you don't mind talk just a little bit about the meters that we ordered the

mobile meters and what we expect and how that will be before we start doing repairs and what that will do afterwards.

**ZACH NEWTON:** We purchased three mobile flow meters. So, the idea is that with

Stone Street, we get about 70-75% of the city's wastewater flow. With these three meters. We can capture about 99% of the flow so that we want to get them in place so we can get a baseline and then after the repairs, we'll be able to compare that to see how

much; hopefully less.

MAYOR CURTIS: So, this way we will be able to track it but you can see when we

have a heavy rainstorm, where you can see the spike where it's

almost 10 times 15 times.

**ZACH NEWTON:** Yeah, so we have an overflow. It seems it's Stonestreet. In dry

weather conditions is about half a million MGD and then, for example on the big rain event that we had on July 23rd, it spiked up to about 8 million gallons. And then after that it takes about five to seven days for it to gradually come down. So, we can tell

that there's quite a bit of I&I just on there.

MAYOR CURTIS: So that's just that, it's just rainwater that really should not be

going into our system as much as it is. Obviously, we have to treat that and pay for that cost. It impacts KARMA and it impacts the city. So hopefully these manhole repairs in the sewer lining repairs, it's not gonna be 100% fix, but it's going to be a start of trying to use that with the flow meters what we're hoping to can show some tangible results of what we're accomplishing. So, as we move forward in the future with future repairs and

everything, we can see what kind of return on value we're getting. Any questions regarding that? Alderwoman Johnson?

**ALD JOHNSON:** On the pictures that are included in our packet (*inaudible*).

**ZACH NEWTON:** There was a there was quite a bit of repairs identified they'll all

be repaired.

**ALD JOHNSON:** So are they the red ones?

MAYOR CURTIS: Yeah, there's some green ones that don't have any yes repairs and

there's reds do have some type of repairs. You will see a lot of the manhole repairs are needed. Most all of them have something that's unfortunate wrong with them. We want to provide an update. So next is Item D and that is the Durapatcher and Tank recommendation. Mr. Lopez talked to us about this earlier. Neil, if you want to add anything to this but we got a demonstration back in July of this machine as Mr. Lopez talked about. I probably should have shown the video here but it can take a large sized pothole and basically somewhat repair but then what's really nice is as he mentioned when you get the spider into the cracks around that, it also takes the seal some of that off.

It's not a permanent fix, but it's a fix that can last a lot longer than cold patching or hot patching now. Theres some areas if you have some lower lying areas, maybe smaller indentations and some alleyways for areas where they meet the street. We've got some alleys in the commercial district that are really starting to Spider crack really bad. Those are areas that normally would take some asphalt repair replacement, which ultimately, we have to get to at some point, but this can buy us two to three years of good estimate by doing this instead of maybe two or three months or six months and having to go back and do it. So, I know the DPW team was very; maybe I'm exaggerating but they look like kids at Christmas, playing with the machine, they thought it would be very highly effective. I did talk to Mr. Piggish as our city engineer. I'll let you explain you actually thought it was pretty good tool also, correct?

**NEIL PIGGUSH:** 

Mayor, you're correct. We've used this. Typically, we use this in smaller rural communities that have tar and chip roads because it's basically shooting tar and chip into a hole but it is very effective at addressing potholes or problem areas, and getting the roads sealed up and preventing that water from getting going into the base and creating more problems. So, I think to your point, every bit of three to four years it could buy his time on some problem areas I would think and maybe it would just require them to go back and seal up at you know, another time after that. But I think rather than doing (inaudible), more expensive improvements, this is a real great way to address issues on roads before they really become costly problems for the roadway.

**MAYOR CURTIS:** 

The goal is if we can recommend this to city council tonight and get it approved at city council. Your anticipation is that you would get the machine rather quickly and you feel like you could do some work over the next 60 days.

**JAMES LOPEZ:** 

Yeah, yeah. The gentleman that gave us a demonstration in July is coming is willing to come back a week from tomorrow from Alabama and give us another demonstration. And we are if that happens I will send out an email and let you guys know where we're going to be so that you guys can see it in action because I like the fact that when it's a two man operation where if we had a hot patch we did we'd have to spend a day tearing the road up, calling Zach's guys to come out and suck out the hole and then going to get the hot patch and then doing it and then closing the road down. Where this is, we go right over the old Cold patch that's there. We spray it in we level it and they can drive on it within the next five minutes. So, it's that it's it takes care of the spidering because when we do a project we'll do the pothole but we won't go out past the hole and then we leave the spider and like I said we'll come back and have a problem where they were spidering was so this is going to take care of that part. So yes, I expect it next week.

**MAYOR CURTIS:** 

Alderman Prude?

ALD PRUDE:

So, my question would be you've seen the demonstration already. If we approve that we approve it. Why would we need another demonstration? Why don't we just go ahead and order it if it's approved tonight and how long would it take for it get

here?

**JAMES LOPEZ:** 

We got a demonstration but we want to, he's going to teach our guys how to use it. It's training demonstration. It's a training, He's going to spend a day with us training. It's on hold for us and we'll be here by the end of this week.

ALD PRUDE:

(inaudible)

**JAMES LOPEZ:** 

Okay. It'd be a dream. Yeah, we're gonna find a spot we're thinking we're going to find a big area where he can go. We're not sure exactly where we want to start to train but we got a couple of ideas. But the only thing we have to do is and it comes with it is fabricate a hole in one of the back of our tailgates which is just cutting with the plasma cutter and we're ready to go.

**MAYOR CURTIS:** 

Alderman Jones?

ALD JONES:

I heard you say we will be able to go over the cold patch. Cold patch peels up. How was he going to hold that cold patch down?

JAMES LOPEZ:

So as long as the cold patch is has been in there a while and it's compressed? It'll go right over it in this to seal it as well as it seals asphalt around it.

ALD JONES:

Okay, so it's not gonna just come up. Once we start plowing?

**JAMES LOPEZ:** 

It's going to (inaudible). We're going to use a walk behind tamper behind it, to get it down to compress.

ALD JONES:

Okay, Thank you.

**MAYOR CURTIS:** 

Mr. Piggush?

**NEIL PIGGUSH:** 

Thanks, Mayor. One thing I forgot to add is I think this all is to Public Works, the ability to address cost effectively address some of the problem areas that we've had on some of our city roads, to where we're not waiting for a state project to happen for 10 years. So, I think this will be a really great way for the city to address these issues. Albeit, semi-temporarily I think it's a really

JAMES LOPEZ: I think that, that's where we want to go we want to go when you

turn off the Hobbie on to Route 50 that lane right there on the

righthand side that everybody hits.

**MAYOR CURTIS:** The one that everybody complains about?

JAMES LOPEZ: Yes, right there. Right, there were Hobbie turns right on the

Route 50 there that that one lane has been. So, we got that's

where we wanted to start the demonstration.

MAYOR CURTIS: A feeling, it'll be kind of like everybody's gonna have their hand

up requesting an area, we'll have to come back in the spring on that but we think this is a highly effective tool. The machine it cost is \$82,209.60. We also have to order 1000 gallon tank that is \$24,000 that way until later date, but DPW has worked arrangements when they can start using using some other supplies for some other people to our tank comes in so the total project cost is \$106,209.60. We were looking at paying this would come out of ESU capital. We budget line 500,000 for that part of the ESU capital line item was Salt Shed. We had

part of the ESU capital line item was Salt Shed. We had budgeted for that for this fiscal year. The team has decided that they're going to push that into the next fiscal year. They've already sought for this winter received it and are going to use it as they are now to worry about the shed after the winter season. Getting that fix next summer so this would replace that line item of ESU capital. A motion to recommend approval to city council.

ALD OSENGA: I will make that motion.

ALD PRUDE: I will second.

MAYOR CURTIS: We have a motion by Alderman Osenga and a Second by

Alderman Prude to recommend your authorization of purchasing machine and the tank at \$106,209.60. and go to City Council for

approval tonight. Is there any questions or comments?

Alderwoman Johnson?

**ALD JOHNSON:** Why don't we have to put it out to bid?

MAYOR CURTIS: It's a specialized it's a specialized machine. I will let you guys

explain this.

JAMES LOPEZ: The price comes from Sourcewell.

**ELIZABETH KUBAL:** It's an it's on the national level. Okay. Governments of all kinds

of agencies use that emanate price. Everything you can imagine

is on there.

MAYOR CURTIS: And then this machine that they're bringing, it's basically it's a

brand-new machine but it is a stock machine. It's one that it's kind of like buying it off the shelf in a since that they're giving us

an additional discount as they show it to different people all but it was a brand-new machine that hasn't been owned by anybody else yet. So, is there any questions? Alderman Osenga?

What's the life expectancy and it's got a two-year warranty but

what is the life expectancy given?

JAMES LOPEZ: I don't know like 15 years.

ALD OSENGA:

**MAYOR CURTIS:** Are there any other questions? Roll call.

**ZACH NEWTON:** Ald Lewis - Aye Ald Swanson – Absent

Ald Prude – Aye
Ald O'Brien - Aye
Ald Jones - Aye
Ald Osenga – Aye
Clerk Gall – Aye

AYES: 7 ABSENT: 1

MAYOR CURTIS: Recommendation will go to City Council for approval on that

agenda. And I have a feeling DPW could have a line at their door with suggestions of where to go. Next, we want to give an update on the hydroelectric plant. Zach is working hard with that. He was also working with Neil on that right now. If you remember, recently, we approved Sergeant Lundy to do the overall engineering and scope of work on that facility. I'm gonna let Neil talk we're actually he met with them and Zach and we're we had

talk we're actually he met with them and Zach and we're we had several companies for the underwater repair work along with the overall evaluation and Neil, you can kind of bring us up to speed

on that and where we're at with the hydroelectric.

**NEIL PIGGUSH:** Thank you, Mayor. Yeah. The Mayor brought me in on this hydro plant was asked to kind of circle back and kind of regroup

on where we're at. We met with Sergeant & Lundy Zach and I had a great meeting to kind of revisit the pricing. As you can imagine, hydroelectric plant inspections are a pretty specialized service. So, we had looked at breaking up the inspection between the superstructure above ground as well as the actual hydro portion below the ground. My recommendation is to just have one contract for one report for the whole hydro plant. So, we're not breaking this up into pieces, but we did discuss that. We also discussed wanting to get similar work experiences from these firms so that way we know that they've done hydro plant inspections. So, we're we've gone back to them with that. As well as a couple other minor things. We just want to be comparing apples to apples with this pricing. A lot of the pricing came in pretty close, but we just want to make sure that we are getting the best service for the city. Ultimately, the goal is to get an inspection report on this hydro plant. Have Sargent & Lundy analyze it and then put together as the mayor set up a scope of

work to get this thing back in service. I met on site there with Zach this week to just kind of walk through the facility as well and familiarize myself with it. So, I feel I feel good. We've got a good relationship with Sergeant & Lundy going forward. And I think, you know, the goal is to get a report with a scope of work and on and on price tag so we can start looking at, you know, how do we fund this project? I'm assuming there's plenty of green energy grants out there that would that this project would qualify for especially being an existing facility and we're going to really take a hard look at that once we have, you know, the scope of the work and the dollars that are tied to it. So, we are supposed to have a proposal back I believe on the correct me if I'm wrong, Zach but is it the. So, in two days and then we will have that on the next on the first meeting in October before ESU and council consideration to move forward with the inspection. So, they'll have to do there'll be an underwater portion we'll be diving, you know they had a remote operated vehicle option. Personally, I will want someone down there touching and feeling and looking at it and not having any sort of excuses later as to why somebody get caught we are going to make sure that they have divers in a boat and all that So, that'll be the next ESU and council meeting.

**MAYOR CURTIS:** 

NEIL PIGGUSH:

To give a further update today we did receive from the US Department of Energy notice of intent of several grant and funding opportunities available. Actually, Senator Joyce sent this to our office Director Brewer Watts and also got it to her she has already today forwarded that on to our grant team to help them take a look at one that is hydropower. Hydropower retrofits. So, we think that's exactly where it fits. So. because of the timing, we've got, if you remember, we used ARPA money to hire grant writing teams. We've got that to them to help us assist them and we'll start working with our state and federal elected officials to see if we can get some money from this. So, we'll work all this stuff can in tandem with each other. So that was good news that came out today. And everybody was moving on that quickly. So. I've even told Neil that vet but before today, we'll also have some and then Neil even thought there might even be some additional money at low interest rate she thought could be a possibility too.

Yeah, so the Illinois Environmental Protection Agency has revolving loan funds that they use for water and sewer projects and drainage projects. This one isn't really fitting into that but I think that there might be a way that we do fit into a revolving loan fund. It would involve us putting a project near a plan together. So, I have reached out to the EPA I haven't gotten real clear answer on it yet but a lot of times what they'll do similar to what the city doing and they'll basically lender note on the entire project forgive a portion of it. low interest loan is also the kind of the bonus on top of that, you know usually the balance of the loan can be borrowed at 1% over 30 years. So, real great tool to finance larger projects. Principal forgiveness in the low interest but we're still waiting to kind of get to the back from the EPA on

whether this will fit into that but I have a feeling that if we can learn to find a way.

**MAYOR CURTIS:** 

A lot of moving parts on a hydroelectric plant and I'm thankful for Neil's and Zach they are both working on this hard to make this move forward. Any questions regarding that? Actually, just an update. Item D is the street inspection report. I was hoping that would be ready for this meeting. They notified me that it is they're still not completed with the analysis of the alley part yet. And we will hopefully have that for the next ESU meeting is what we're pushing for. We'd like to get that sooner or later because I know Neil's gonna be working with everybody fairly quickly here to start working on MFT so that they can you guys can watch in January, February. For bid for a multi-year project. The other one is Item eight and that is the Depot roof update. We had gone out to bid on that and I want to talk a little bit about that. I brought Neil in to help with that. We'd gotten up for bid. We received several bids for the roof but we did not open the bids. We were concerned about the bidding criteria that was in place and the specs that were being used and that we may not be getting the best long-term guarantee for the roof of the Depot. So, we kept those bids closed. We wrote a letter to everybody and sent them back to keep the process is ethical and clean as possible. We are now up for bid you know can you provide dates on the roof good there.

**NEIL PIGGUSH:** 

Yes, thank you, Mayor. We went out to bid I believe clinical clarify if I'm wrong, but 9/13/22 I believe is when we went out to bid or was it 9/14/22. I know there was an issue with the ad with the journal but either way, the bid opening is scheduled for the 27th which should be a week from tomorrow. We have our mandatory pre-bid which is tomorrow at the Depot. So, we are going to make sure that you know we did put some additional qualifications of the being bid on record this time as well as they have to be certified installers for these roof systems that is being specified by the architect. We did engage a local architect to put plans and specs together. Just to make sure this is all being done. We're going to be replacing the downspouts on the Depot and gutters as well. Since we're going to be up there doing this work it made sense to get it all done at once. So, this will be up for award on the October 3rd.

**MAYOR CURTIS:** 

And the hope and goal is at least specially with the flat roof but we feel like most real city asphalt shingle in the flat can get done hopefully before winter season. That is our goal. There are some major leaks at the depot right now it's causing interior drywall ceiling damage and some things we really need to get to get this buttoned up before the winter. This is being a part of our budgeted at ESU capital. Awesome. This was actually our number one priority was to protect that building and make sure that we don't have any further damage yet another.

**NEIL PIGGUSH:** Yeah, I forgot to mention Mayor just so everyone's aware we're

building a \$10,000 contingency that's going to be part of the award. So, in the event they have this roof opened up, and we've got to do some additional work in there. We don't want to have to wait for another meeting to be able to authorize you to do that with an exposed roof. So, we're building a \$10,000 contingency that obviously would have to be substantiated with any sort of TM work or, or a lump sum quote from the contractor but we don't want to be in a situation where things are compounding

because we're waiting for another meeting.

MAYOR CURTIS: Any questions about the people? Okay, we do not have a need

for an executive session tonight. So, with that, before we adjourn, is there any questions comments for the good of the order? Okay, seeing none, is there a motion to adjourn?

**ALD PRUDE:** So move.

ALD LEWIS: Second.

MAYOR CURTIS: Motioned by Alderman Prude and Seconded by Alderwoman

Lewis. All in favor?

**ESU BOARD:** Aye.

**MAYOR CURTIS:** Okay, we are adjourned.

## ENVIRONMENTAL SERVICES UTILITY ACCOUNTS PAYABLE

#### October 17, 2022

CHECK# 32569 32569	DATE 10/17/2022 10/17/2022	VENDOR A TOUCH OF GLASS CLEANING A TOUCH OF GLASS CLEANING	DESCRIPTION DEPOT/CLEANING-SEPTEMBER ADM/WINDOW CLEANING	AMOUNT 1,630.00 6,250.00	ACCOUNT 51.20.527 51.20.577
			CHECK TOTAL	7,880.00	
32570	10/17/2022	ACME AUTO PARTS, INC	SALT BOX FOR TRUCK	4,000.00	51.50.588
32571	10/17/2022	AHW LLC	COUPLE CONNECTOR	118.99	51.20.502
32572	10/17/2022	ALL POWER EQUIPMENT	CONCRETE SAW FILTER	22.91	51.20.503
32573	10/17/2022	ARAMARK	LAB COATS 9/21/22	36.09	51.20.518
32573	10/17/2022	ARAMARK	LAB COATS 9/28/22	36.09	51.20.518
			CHECK TOTAL	72.18	
32574	10/17/2022	BARON HUOT OIL COMPANY	FUEL	29,945.84	51.162
32575	10/17/2022	BEAUPRE INC.	WRECKER SVC 8/29/22	125.00	51.50.572
32575	10/17/2022	BEAUPRE INC.	SFTY CKS-5 VEHICLES	196.00	51.20.572
32575	10/17/2022	BEAUPRE INC.	SFTY CKS 28,26,16,04	180.00	51.50.572
			CHECK TOTAL	501.00	
32576	10/17/2022	BELSON STEEL CENTER	STEEL ANGLES	25.83	51.50.572
32577	10/17/2022	CHRISTIANSEN AUTO PARTS	PLUGS, CONNECTOR	44.30	51.50.572
32577	10/17/2022	CHRISTIANSEN AUTO PARTS	DIESEL EXHAUST FLUID	113.94	51.50.572
32577	10/17/2022	CHRISTIANSEN AUTO PARTS	PRIMER	22.98	51.50.572
32577	10/17/2022	CHRISTIANSEN AUTO PARTS	LICENSE PLATE LIGHT MNT	19.98	51.50.572
32577	10/17/2022	CHRISTIANSEN AUTO PARTS	GLOVES	43.98	51.50.572
32577	10/17/2022	CHRISTIANSEN AUTO PARTS	PLUG, CONNECTORS	43.34	51.50.572
32577	10/17/2022	CHRISTIANSEN AUTO PARTS	SAFETY PIN CLIP	6.49	51,50,572
32577	10/17/2022	CHRISTIANSEN AUTO PARTS	BRAKE PARTS CLEANER	51.48	51.50.572
32577	10/17/2022	CHRISTIANSEN AUTO PARTS	BATTERY	16.64	51.50.572
32577	10/17/2022	CHRISTIANSEN AUTO PARTS	HIGH-LOW BEAM LIGHT BULB	33.98	51.50.572
32577	10/17/2022	CHRISTIANSEN AUTO PARTS	21/CAP-VALVE KIT,FUEL LN	15.66	51.20.502
32577	10/17/2022	CHRISTIANSEN AUTO PARTS	GENERATORS/FILTER,HOSES	218.61	51.20.514
			CHECK TOTAL	631.38	
32578	10/17/2022	CITY OF KANKAKEE	WORK COMP-OCTOBER	23,500.00	51.10,454
32578	10/17/2022	CITY OF KANKAKEE	LIABILITY-OCTOBER	7,141.00	51.10.536
32578	10/17/2022	CITY OF KANKAKEE	LIFE INS-OCTOBER	220.00	51.10.456
32578	10/17/2022	CITY OF KANKAKEE	WT COPIER-OCTOBER	86,43	51,40,522
			CHECK TOTAL	30,947.43	01,10,022
32579	10/17/2022	COMED	1360457004 9/1-10/3	280.90	51.20.551
32579	10/17/2022	COMED	3251141011 8/22-9/21	81.86	51.20.551
32579	10/17/2022	COMED	9117143011 8/24-9/23	90.42	51.20.551
32579	10/17/2022	COMED	0458025048 8/26-9/27	118.13	51.20.551
32579	10/17/2022	COMED	0207105128 8/26-9/27	192.44	51.20.551
32579	10/17/2022	COMED	0141163037 8/26-9/27	122.18	51.20.551
32579	10/17/2022	COMED	0128159053 8/26-9/27	373.92	51.20.551

32579	10/17/2022	COMED	0094099073 8/26-9/27	666.38	51.20.551
32579	10/17/2022	COMED	0063043121 8/26-9/27	45.02	51.20.551
32579	10/17/2022	COMED	0416085008 8/26-9/27	96.50	51.20.551
32579	10/17/2022	COMED	0298092065 8/26-9/27	72.33	51.20.551
32579	10/17/2022	COMED	0134067011 8/26-9/27	72.71	51.20.551
			CHECK TOTAL	2,212.79	
32580	10/17/2022	COMPASS MINERALS AMERICA	SALT 9/7/22	4,671.10	51.50.502
32581	10/17/2022	DAVID TIBURTINI	UNIFORM REIMBURSEMENT	257.39	51.50.502
32582	10/17/2022	DEPKE GASES & WELDING	CYLINDER RENTAL	93.00	51.50.522
32582	10/17/2022	DEPKE GASES & WELDING	CYLINDER RENTAL	18.60	51.20.502
32582	10/17/2022	DEPKE GASES & WELDING	WIRE SPOOL	180.40	51.50.572
32582	10/17/2022	DEPKE GASES & WELDING	OXYGEN	29.52	51.50.572
		DEL NE ONOES & WEEDING	CHECK TOTAL	321.52	31.30.372
			CHECK TOTAL	321.32	
32583	10/17/2022	DYNEGY ENERGY SERVICES	0049122036 8/26-9/26	1,760.13	51.20.551
32584	10/17/2022	EJ EQUIPMENT	RIM	206.39	51.50.572
32585	10/17/2022	EJ USA INC	GRATES, FRAMES	804.24	51.20.502
32585	10/17/2022	EJ USA INC	•		
32585	10/17/2022	EJ USA INC	MANHOLE COVERS	445.74	51.20.502
32585	10/17/2022		GRATE	186.36	51.20.502
32363	10/1//2022	EJ USA INC	FRAME, COVER	465.33	51.20.502
			CHECK TOTAL	1,901.67	
32586	10/17/2022	EMULSICOAT INC	EMULSION	428.81	51.50.588
32587	10/17/2022	ENVIRONMENTAL SYSTEMS	GIS MAINT 1/1-12/31/23	2,800.00	51.33.526
32588	10/17/2022	EUROFINS ENVIRONMENT TESTING	TESTING 9/13/22	357.50	51,40,522
32588	10/17/2022	EUROFINS ENVIRONMENT TESTING	TESTING 9/20/22	680.00	51.40.522
			CHECK TOTAL	1,037.50	
			5.,25,( , 5 , ),2	1,007.00	
32589	10/17/2022	FASTENAL COMPANY	BIT, SCREWS, NUTS, WASHERS	131.73	51.33.502
32589	10/17/2022	FASTENAL COMPANY	SCREWS, TOGGLE WINGS	35.06	51.33.502
32589	10/17/2022	FASTENAL COMPANY	ANCHORS	56.00	51.33.502
32589	10/17/2022	FASTENAL COMPANY	RED HEAD CARTRIDGE	49.32	51.33.502
			CHECK TOTAL	272.11	
32590	10/17/2022	FLEETPRIDE	JACK	100.69	51.50.572
32591	10/17/2022	GLASSWORKS	BACK GLASS REMOVE/INSTAL	350.00	51.50.572
32592	10/17/2022	GORDON ELECTRIC SUPPLY	SWITCH BOX	3.54	51.33.503
32592	10/17/2022	GORDON ELECTRIC SUPPLY	BLACK POSTS	1,002.00	51.33.502
32592	10/17/2022	GORDON ELECTRIC SUPPLY	COUPLER,ROD SET,CONNECTR	347.30	51.33.526
32592	10/17/2022	GORDON ELECTRIC SUPPLY	PVC,LOCKNUT,CONDUIT,BOX	552.44	51.33.502
32592	10/17/2022	GORDON ELECTRIC SUPPLY	PVC JCT BOX	60.16	51.33.502
32592	10/17/2022	GORDON ELECTRIC SUPPLY	JUNCTION BOX, PVC	73.89	51.33.502
32592	10/17/2022	GORDON ELECTRIC SUPPLY	ADAPTER	6.47	51.33.502
32592	10/17/2022	GORDON ELECTRIC SUPPLY	TAPE,LED T, WINGNUTS,	270.83	51.33.502
32592	10/17/2022	GORDON ELECTRIC SUPPLY	VOLTAGE TESTER	23.96	51.33.503
	. — - — —		CHECK TOTAL	2,340.59	01.00.002
			2.1261.1617.12	_,5 .0.00	

32593 32593	10/17/2022 10/17/2022	HACH COMPANY HACH COMPANY	VOLITIAL ACIDS BOD PILLOWS CHECK TOTAL	101.53 181.42 282.95	51.40.502 51.40.502
32594	10/17/2022	HERITAGE FS INC-PEOTONE	HYDR OIL, POWER FLUID	4,420.02	51.50.572
32594	10/17/2022	HERITAGE FS INC-PEOTONE	OIL, GREASE	5,215.61	51.50.572
			CHECK TOTAL	9,635.63	5 115515
32595	10/17/2022	HOLOHAN HEATING & SHEETMETAL	SPREADER SIDES	899.20	51.50.522
32595	10/17/2022	HOLOHAN HEATING & SHEETMETAL	PSB/GARAGE HEATER REPAIR	2,440.00	51.20.577
			CHECK TOTAL	3,339.20	
32596	10/17/2022	HOSE HEADQUARTERS INC	MJIC BULKHEAD,NUT,SWIVEL	107.07	51,50.572
32597	10/17/2022	INTERSTATE BILLING SERVICES	TAIL PIPE	548.00	51.50.572
32597	10/17/2022	INTERSTATE BILLING SERVICES	EXHAUST PIPES	715.00	51.50.572
32597	10/17/2022	INTERSTATE BILLING SERVICES	S30 SPRING KIT-SUSPENSN	4,600.00	51.50.572
32597	10/17/2022	INTERSTATE BILLING SERVICES	TURN SIGNAL SWITCH	189.83	51.50.572
32597	10/17/2022	INTERSTATE BILLING SERVICES	S30/COAT HOOK	24.90	51.50.572
			CHECK TOTAL	6,077.73	
32598	10/17/2022	JOE'S AUTOMOTIVE INC	#14/FAN CLUTCH REPLACE	434.13	51.20.572
32599	10/17/2022	KANKAKEE ACE HARDWARE	SILICONE, CAULKGUN, BULBS,	100.05	51.33.502
32599	10/17/2022	KANKAKEE ACE HARDWARE	GLOVES, ROLLER COVER	35.48	51.50.588
32599	10/17/2022	KANKAKEE ACE HARDWARE	SHOVELS	49.90	51.33.502
32599	10/17/2022	KANKAKEE ACE HARDWARE	SCISSORS, BLADE	11.12	51.50.502
32599	10/17/2022	KANKAKEE ACE HARDWARE	CHOPSAW WHEEL	19.18	51.50.572
32599	10/17/2022	KANKAKEE ACE HARDWARE	QUIKRETE	30.36	51.20.577
32599	10/17/2022	KANKAKEE ACE HARDWARE	DRILL BITS	58.52	51.33.502
32599	10/17/2022	KANKAKEE ACE HARDWARE	SHOVEL	16.31	51.33.502
			CHECK TOTAL	320.92	01.00.002
32600	10/17/2022	LABEAU BROTHERS, INC	#19/MAINT CK,FILTERS,OIL	737.04	51.20.572
32601	10/17/2022	LIGORI AUTO WRECKING	TIRE DISPOSAL 10/4/22	266.00	51.50.522
32602	10/17/2022	MENARDS #30930262	BROOKMNT PAINT, PAINT GUN	121.64	51.50.588
32602	10/17/2022	MENARDS #30930262	BROOKMONT/PAINT	125.64	51.50.588
32602	10/17/2022	MENARDS #30930262	BROOKMONT/SPRAYER,TIPS	884.93	51.50.588
32602	10/17/2022	MENARDS #30930262	BROOKMONT/SPRAY GUN	138.98	51.50.588
32602	10/17/2022	MENARDS #30930262	PAINT/WASH MITT	34.93	51.50.588
			CHECK TOTAL	1,306.12	
32603	10/17/2022	MENARDS #30930322	HDMI,WALL PLATE,PORT,PVC	68.94	51.33.502
32603	10/17/2022	MENARDS #30930322	ADHESIVE, BLEACH	72.90	51.20.527
			CHECK TOTAL	141.84	
32604	10/17/2022	MICKEYS LINEN & TOWEL SUPPLY	3907/ESUE RUG SVC 9/27	55.11	51.20.518
32604	10/17/2022	MICKEYS LINEN & TOWEL SUPPLY	3908/ESUW RUG SVC 9/27	50.00	51.20.518
32604	10/17/2022	MICKEYS LINEN & TOWEL SUPPLY	5321/PSB RUG SVC 9/27	67.55	51.20.518
32604	10/17/2022	MICKEYS LINEN & TOWEL SUPPLY	ADM/5210 RUG SVC 9/27	50.00	51.20.518
			CHECK TOTAL	222.66	01,20.010
32605	10/17/2022	PEERLESS NETWORK	87740017800 10/15/22	120.14	51.20.554

32606 32606 32606	10/17/2022 10/17/2022 10/17/2022	POWER SOLUTIONS PLUS POWER SOLUTIONS PLUS POWER SOLUTIONS PLUS	WEEDER, FUEL MIX LOOP HANDLE FILE GUIDE 1/22/21 INV CHECK TOTAL	528.95 439.99 79.98 1,048.92	51.50.502 51.50.572 51.50.572
32607 32607	10/17/2022 10/17/2022	PROTECTION ASSOCIATES PROTECTION ASSOCIATES	ADM/BURG ALRM 11/1-1/31 ADM/FIRE ALRM 11/1-1/31 CHECK TOTAL	135.00 165.00 300.00	51.20.522 51.20.522
32608	10/17/2022	QUILL CORPORATION	1059145/INK	265.96	51.33.502
32609	10/17/2022	RAMIRO SHOREQUE	UNIFORM REIMBURSEMENT	300.00	51.50.502
32610	10/17/2022	RID-ALL PEST SOLUTIONS	PEST CONTROL 9/19/22	40.00	51.50.522
32611 32611 32611	10/17/2022 10/17/2022 10/17/2022	RIVERSIDE WORKFORCE HEALTH RIVERSIDE WORKFORCE HEALTH RIVERSIDE WORKFORCE HEALTH	DOT SCREEN 9/12/22 DOT SCREEN 9/12/22 NH SCREENS 10/6/22 CHECK TOTAL	121.00 121.00 210.00 452.00	51.50.522 51.50.522 51.50.522
32612	10/17/2022	RON O'CONNOR	CONCRETE, STUMPS	225.00	51.50.522
32613	10/17/2022	RONSON EQUIPMENT COMPANY	OIL FILTERS	158.68	51.50.572
32614	10/17/2022	RYAN NORWELL LAW, LLC	LEGAL SERVICES-SEPT	7,500.00	51.10.522
32615	10/17/2022	S.C. ALTMAN & ASSOCIATES	TRUCK WASH	347.52	51.50.572
32616	10/17/2022	SAFETY-KLEEN SYSTEMS	WASHER SOLVENT	379.92	51.50.572
32617	10/17/2022	SHERWIN INDUSTRIES	BROOKMONT/WHITE PAINT	994.50	51.50.588
32618 32618	10/17/2022 10/17/2022	STANDARD EQUIPMENT COMPANY STANDARD EQUIPMENT COMPANY	SPRING CLIP REACH POLE CHECK TOTAL	45.38 85.39 130.77	51.20.503 51.20.503
32619 32619	10/17/2022	STOLLER INTERNATIONAL STOLLER INTERNATIONAL	SEAL, BLADE CABLE LIFT, LABOR	215.80 312.83	51.50.572 51.50.572
32019	10/17/2022	STOLLER INTERNATIONAL	CHECK TOTAL	528.63	31.00.372
32620	10/17/2022	TERMINAL SUPPLY COMPANY	PL3/AMBER LED	59.90	51.50.572
32621	10/17/2022	TRAFFIC CONTROL CORPORATION	POWER SUPPLY	390.00	51.33.502
32622 32622	10/17/2022 10/17/2022	UNIFIRST CORPORATION UNIFIRST CORPORATION	UNIFORMS 9/26 UNIFORMS 10/3/22 CHECK TOTAL	104.59 104.59 209.18	51.50.522 51.50.522
32623 32623	10/17/2022 10/17/2022	UNITED DISPOSAL UNITED DISPOSAL	RUBBISH 9/12-9/16 RUBBISH 9/19-9/23 CHECK TOTAL	1,981.50 1,581.00 3,562.50	51.50.531 51.50.531
32624	10/17/2022	UNIVERSAL BACKGROUND SCREENING	NH SEASONAL BACKGROUND	289.56	51.50.522
32625	10/17/2022	VANSCO SUPPLY, INC.	LINERS,TOWELS,CLEANERS	2,880.75	51.20.527
32626	10/17/2022	VERIZON WIRELESS	34231390700001 8/16-9/15	698.59	51.50.522

32627	10/17/2022	VERMEER SALES & SERVICE	RINGS, BERRINGS, SEALS	411.61	51.50.572
32628	10/17/2022	VIERS COFFEE	WATER	47.74	51.40.506
32628	10/17/2022	VIERS COFFEE	WATER, COFFEE, COOLER RNTL	295.99	51.20.577
32628	10/17/2022	VIERS COFFEE	COFFEE, SUPPLIES	103.99	51,50,522
			CHECK TOTAL	447.72	
32629	10/17/2022	VULCAN MATERIALS	CHIPS	111.39	51.50.588
32630	10/17/2022	WAREHOUSE DIRECT OFFICE	PENS,ERASER,LEAD REFILL	49.86	51.50.502
32631	10/17/2022	WELDSTAR COMPANY	CYLINDER RENTAL	91.76	51.40.503
32632	10/17/2022	WELSCH READY MIX INC	CONCRETE-S CANNON 9/14	577.50	51.50.588
32633	10/17/2022	WENTWORTH TIRE SERVICE	TIRES	386.44	51,50,572
32633	10/17/2022	WENTWORTH TIRE SERVICE	LOADER TIRES	1,900.00	51.50.572
			CHECK TOTAL	2,286.44	
32634	10/17/2022	WESTSIDE TIRE & ALIGNMENT	S6/TIRE	210.00	51.50.572
32634	10/17/2022	WESTSIDE TIRE & ALIGNMENT	S36/TIRE REPAIR	20.00	51.50.572
			CHECK TOTAL	230.00	
32635	10/17/2022	WILKENS-ANDERSON CO.	BOTTLES	519.20	51.40.502
32636	10/17/2022	KANKAKEE RIVER METROPOLITAN AGENCY	OPERATION, MAINT-OCTOBER	275,942.00	51.30.553
		KANKAKEE RIVER METROPOLITAN AGENCY	OWNERSHIP-OCTOBER	192,091.00	51.30.553
		KANKAKEE RIVER METROPOLITAN AGENCY	BOND DEB SVC-OCTOBER	69,395.00	51.30.553
			CHECK TOTAL	537,428.00	
			TOTAL 10/17/22	\$ 678,713.54	
FOR ES	U COMMITTEE				
		TOTAL 10/03/22		313,383.43	
		TOTAL 10/17/22		678,713.54	
		TOTAL FOR OCTOBER		\$ 992,096.97	

#### ESU Street and Alley Report for October 17th, 2022

- 1. Alleys: We are still running allies daily. Brush collection will be put on hold as leaf collection demand increases into November. 41 rubbish work orders were addressed.
- 2. Mowing: We are caught up and mowing season will conclude in the coming week. 176 work orders were addressed in addition to City properties and abandoned properties.
- 3. Sweeping: Continues daily.
- 4. Tree work: A majority of the storm damage has been addressed and we will continue this work as needed. We are currently planting tree over the next 2 weeks. We had several issues with our tub-grinder but it is currently back up and grinding as of last week.
- 5. Patching: New dura-patcher has been out daily in addition to our cold patch unit.
- 6. Miscellaneous: Leaf pick up beings October 17<sup>th</sup> and ends December 2nd. This usually takes through December to complete hauling and spreading of leaf's as well.



#### ESU TECHNICAL SERVICES REPORT SEPTEMBER 2022

#### Aqua Liaison Report

6 Billing Correction

8 Calls to DPW

2 Calls to Republic

2 Services Moving

Investigated 8 customer complaints

Worked with Code Enforcement regarding 2 property

Assisted Aqua regarding 4 property

#### Com Ed Liaison

Reported Com Ed Poles and possible vegetation request residents

Reported a Com Ed Pole down

Requested that the Come Ed lines near Depot Roof be wrapped for Reroof project

Continued communication with Com Ed Rep

#### Administrative and Management

- Preparing Traffic/Energy/Historic Light Invoices
- Dispatched Calls to Sewer and Tech Services
- Assist with Monthly Reports
- Monitored Technical Services Budget
- ESU Tech accts receivable and prepared payables
- Prepared ESU minutes and board packet
- Assisted walk-in customers, residents and elected officials
- Met with Traffic vendors regarding parts and products
- Met with Crew daily and prioritized upcoming projects
- Processed inventory and ordered supplies for upcoming repairs and projects
- Coordinating Christmas decorations for Downtown and Public Safety Building
- Created worksheets and Met with Vue Works
- Weekly meeting with Sewer/GIS Operations Manager

#### **Traffic and Electrical**

- Traffic signal yearly preventive maintenance at Rt. 45 & Riverstone, Rt. 45 & I-57 South Ramp, Rt. 45 & I-57 North Ramp, and battery replacement at Court & Fairmont and Court & Greenwood.
- Replaced a green LED at Station & Wall
- Replaced a green LED at Indiana & Station
- Knock down on Rt. 50 West of Hobbie
- Setup power at the Depot for Mexican Independence Day
- Worked on DPW cameras
- Installed wireless internet at the Hydro Plant
- Installed underground conduit at the Admin. Building for landscape lighting
- Started installing underground conduit at Public Safety for landscape lighting
- Cleared the roof of the Depot of any cables and cameras for the roof project
- Hung a computer screens at the Library
- Installed camera

### **Environmental Services Utility Sewer Services** Monthly Report – SEPT 2022

Sewer Calls: 6

Grease Traps Inspected: 27

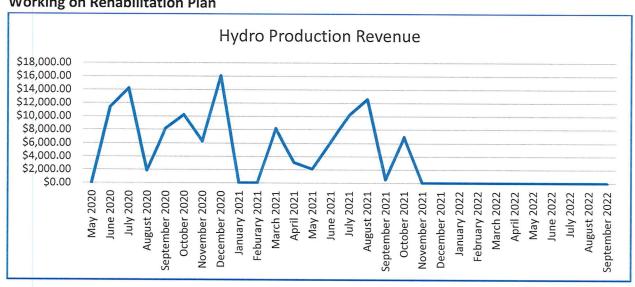
JULIE Locates: 350

Sanitary and Storm Lines Cleaned: 19,192ft (3.63 miles) Sanitary and Storm Lines Televised: 4,385 ft (0.83 miles)

#### **Hydro Production Report**

"Hydro" - 0 Production Hours - (Runs when weather and river conditions permit) 0 kWh Produced (0 Mega Watts) - NOT RUNNING

Working on Rehabilitation Plan



#### **Lift Station Updates**

Transfer Switches at 308 and Indian Meadows fixed.

H2S levels at Stone St continue to be an issue. Levels higher than 10 continue to be logged nearly everyday.

#### **Construction Updates**

#### 11 Repairs

Schuyler & Merchant / Merchant & Albert / Fairmont & Pine / Budd & Yates / 780 Country Club / Bourbonnais & Poplar / Eastgate Industrial / 113 & Woodlea / Brookmont Viaduct / 31 E 2500S Rd (Tholen's) / Depot South Parking Lot



#### **Infrastructure Updates**

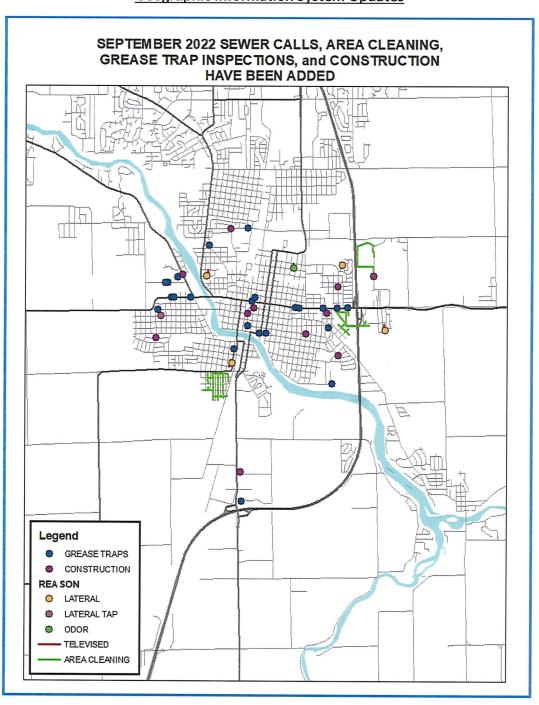
EIA-923M for September reported to EIA
I and I Cleaning and Televising on going
Underwater Dam Inspection – Recommendation Made
ODSP and DSSMP/DSSMR work ongoing with Hydro Partners
Pre-NOI for FERC relicensing on going with Stantec
Entrance Ave scrap yard tap disconnected (source of significant I and I)
Flow Meters Installed



#### **Building Maintenance Update**

Admin windows cleaned Admin carpets professionally cleaned Admin hard surface floors waved PSB building hard surface floors waxed

#### **Geographic Information System Updates**



#### INDUSTRIAL--LAB SERVICES MONTHLY REPORT September 2022

- I. Industrial Services Pretreatment Program
  - A. Automatic 24-Hour Composite Sampling:
    - 1. JR Short 3 days
    - 2. Armstrong Flooring-3 days
    - 3. Plochman 3 days
    - 4. Sun Chemical -3 days
    - 5. Del Monte -3 days
  - B. Monthly random grab samples due to inconsistent compliance with pretreatment and/or City Ordinance limits at:

None for September 2022

#### C. Miscellaneous

- 1. Lab management prepared and forwarded the laboratory billing invoice for testing both to KRMA and to the Comptroller's Office.
- 2. Lab management performed random industrial spot checks throughout the month.
- 3. Lab management forwarded monthly wastewater reporting for Armstrong Cooling Water to the respective Armstrong personnel, Stelle wastewater reporting to the respective community of Stelle personnel, CHS (Central High School) wastewater reporting to the respective CHS operations personnel, Clifton wastewater reporting to the respective Clifton operations personnel, and Van Drunen wastewater reporting to the respective Van Drunen personnel.
- 4. Lab management received and reviewed the monthly continued compliance report from Special Waste Disposal for September 2022 (due by end of October). Submission of the monthly report is a permit requirement for SWD.
- 5. Lab personnel have continued testing on industrial and hauled-in dischargers for total phosphorus through September 2022 (began in October 2020). Per KRMA request, testing will continue and results will be forwarded until further notice.
- 6. Lab management has kept in regular contact with CSL Behring as they have developed a compliance plan/schedule for both pH adjustment and ammonia treatment. Phase one (permanent pH treatment) commenced on Monday, October 11, 2021. CSL Behring has achieved a more consistent pH as a result of phase one. Phase 2 is in construction.
- 7. August 2022 (and since late 2018) has continued to see Kensing sending mostly untreated wastewater to the KRMA plant as a result of their complete shutdown of their activated sludge treatment system. Dosing of an odor control agent with assistance from an environmental contractor has commenced in March 2020 and is ongoing. Lab management continues to forward communication from Operations management on H2S concentrations within the lift station/sewer infrastructure to Kensing as part of their ongoing data collection. There were meetings over the increasing H2S concentrations in August 2022 and the H2S concentration has begun to come down to an acceptable level..
- 8. The Dow (Rohm Haas) Remediation site (located on the south end of BASF property) continues to be shut down through September 2022 and as such there are no pretreatment requirements. In continuing their rebound study, Dow is

- pursuing a "No Further Action" (NFA) status with Illinois EPA. As such, no further discharge is planned under this wastewater permit which has not been renewed. Communication has been received by Dow's environmental contractor and NFA has not been granted yet. For this remediation site, Dow is still working through the reporting process and discussion with IL EPA for the NFA. The NFA status is expected to be done no earlier than spring 2023.
- 9. Partnering with Operations Management, the Lab Group has successfully begun the process of sampling/testing for the City's MS4 (Municipal Separate Storm Sewer System) NPDES permit. There are eight outfalls within or just outside City borders that will be sampled quarterly for a range of parameters including solids, pH, mercury, and oil/grease (total of 11 different analyses). The August MS4 sampling was successfully completed. The next round of testing will begin in October of 2022.
- 10. The laboratory has begun testing four sample locations for KRMA (upstream and downstream Kankakee River along with Station Street Bridge and Warner Bridge) for total phosphorus starting August and continuing into October 2021. This testing is being performed to assist KRMA with their current NPDES permit with a special condition for a Nutrient Assessment Reduction Plan (NARP). This testing has been resumed for 2022 and will continue through October 2022 at a frequency of once a week.
- 11. The laboratory has successfully placed the vehicle bid order with Court Street Ford for the Ford F-250 Super Duty 4x4. Production time has increased drastically and the Court Street Ford estimated delivery to dealership is 30 plus weeks. As of now, there is no estimated build date on the truck. There is the possibility that the truck has to be a 2023 model truck.
- 12. The ICP from Perkin Elmer has been received and there are preparations underway to make sure that everything required for the installation of the machine is complete. Currently the estimated install date is sometime between the last week of October and the first couple weeks of November.
- 13. The USEPA's Annual Pretreatment Report was prepared and submitted to the USEPA on April 25, 2022. In addition to the Annual Pretreatment Report, Ms. Jodie Opie from the USEPA reviewed and requested changes in the language of the SUO and ERP. The requested revisions were made and returned to Ms. Opie for review on April 5, 2022.
- II. Industrial Monitoring Program (User Charge)
  - A. For the month of September 2022, the approximate number of samples collected:
    - 230 Scheduled user-charge grab samples
    - 209 Industrial spot checks
    - 10 Oil & Grease samples
    - O Continued pretreatment monitoring grab samples
    - 449 Total for the month (23 days)
  - B. Wastewater Violation Discharge Notice issued for:

None issued for September 2022

#### C. User Charge Billing Reports

- 1. The monthly user charge/pretreatment billing reports were prepared and submitted to the Comptroller's Office for final processing.
- 2. Flow summaries for the "Big Two" Industries for 2022:

2022	Kensing	CSL Behring
	Total Flow	Total Flow
-	MG	MG
Month		
Jan-2022	20.055	24.9534
Feb-2022	19.108	23.4542
Mar-2022	19.7457	33.0616
Apr-2022	21.38767	32.2495
May-2022	20.6507	35.7583
Jun-2022	17.2541	34.3234
Jul-2022	18.5813	24.7350
Aug-2022	18.0642	28.8736
Sep-2022	18.5482	27.2266
Oct-2022		
Nov-2022		
Dec-2022		
TOTAL	173.394879	264.6356
Average	19.2661	29.4040

#### 3. Monthly industrial flow/surcharge/pretreatment billing summaries for 2022:

INDUSTRIAL MONTHLY CHARGES					
	2	022			
	KENSING	CSL/NORTH	ROHM HAAS/DOW		
JANUARY					
Flow Charges	\$224,081	\$278,812	\$27,460		
Surcharge/Pretreatment	\$22,413	\$19,729	\$17,442		
FEBRUARY					
Flow Charges	\$213,496	\$262,061	\$17,844		
Surcharge/Pretreatment	\$18,740	\$35,679	\$19,737		
MARCH					
Flow Charges	\$219,789	\$369,407	\$15,657		
Surcharge/Pretreatment	\$16,209	\$50,183	\$14,319		
APRIL					
Flow Charges	\$238,971	\$360,333	\$18,500		
Surcharge/Pretreatment	\$27,255	\$46,369	\$16,642		
MAY					
Flow Charges	\$246,363	\$426,597	\$20,318		
Surcharge/Pretreatment	\$26,661	\$55,112	\$19,107		
JUNE					
Flow Charges	\$205,842	\$409,478	\$18,562		
Surcharge/Pretreatment	\$17,268	\$47,633	\$15,563		
JULY					
Flow Charges	\$221,675	\$295,089	\$23,888		
Surcharge/Pretreatment	\$16,117	\$11,800	\$21,821		
AUGUST					
Flow Charges	\$215,506	\$344,462	\$21,122		
Surcharge/Pretreatment	\$19,043	\$46,138	\$14,704		
SEPTEMBER					
Flow Charges	\$221,280	\$324,814	\$18,693		
Surcharge/Pretreatment	\$17,573	\$45,868	\$823		
OCTOBER					
Flow Charges					
Surcharge/Pretreatment					
NOVEMBER					
Flow Charges					
Surcharge/Pretreatment					
DECEMBER					
Flow Charges					
Surcharge/Pretreatment					

#### III. Analytical Services

- A. PDC testing Monthly QC Round Robin was performed.
- B. Lab is running normally with some employee absence.
- C. The DMRQA has been successfully completed

AA Section samples from September 1, 2022 to September 30, 2022.

Cyanide samples – 44 samples

Industrial samples – 16 samples / 106 metals

Hauler samples – 61 samples / 427 metals

Mercury samples – 75 samples

#### IV. Administrative Services – Administrative Specialist

#### A. Covid 19 Precautions

- Daily cleaning and disinfecting of office equipment, office area, and lab area
- Per KRMA guidelines, no visitors are allowed in the building
- B. Continued to archive 2020 2021 industrial files updated files for new fiscal year
- C. Prepared monthly report for Utility packet
- D. Met with Laboratory Services Operations Manager to go over daily agenda
- E. Weekly scanning and entering Laboratory Accounts Payables and forwarded to Comptroller's Office
- F. Liaison between Laboratory Services Operations Manager, industries, and KRMA Assistant Superintendent
- G. Continuation of updating the Industrial Compliance Letters with edits regarding personnel and address change
- H. Provide customer service to phone customers no walk-ins allowed at this time
- I. Records daily and tallies monthly laboratory user charge data for each industrial user
- J. Administers the UPS shipping process; labeling, documentation for the KESU Lab Department and Technical Services Department.
- K. Prepares the monthly UPS bill for submittal to Laboratory Services Operations Manager and Comptroller's Office
- L. Entered monthly analytical metal results for hauled-in and industries into HACH program
- M. With assistance of Laboratory Services Operations Manager, continuation of archiving, organizing, and maintaining industrial pretreatment files

#### Submitted by:

Ryan P. McGinnis, Laboratory Services Operations Manager, Kankakee Environmental Services

## KANKAKEE ENVIRONMENTAL SERVICES UTILITY EXPENDITURE AND REVENUE REPORT September 30, 2022

At 5 months 41.67% EXPENDITURE REPORT

	ENDITORE KEPOK I				
		BUDGET	EXPENSES/	YEAR-TO-	YEAR-TO-
		22/23	REVENUES	DATE	DATE %
51	KESU - SEWER FUND EXPENDITURES				
10	SEWER FD - ADMINISTRATION				
401	SUPERVISORY SALARIES	318,951	37,307	121,622	38.1%
405	UTILITY BOARD	5,400	400	2,000	37.0%
451	FICA/MEDICARE	299,611	31,416	122,522	40.9%
452	IMRF EMPLOYER	391,648	36,006	135,550	34.6%
453	STATE UNEMPLOYMENT	14,000	10	1,188	8.5%
454	WORKERS COMP INSURANCE	300,000	23,500	94,000	31.3%
456	HEALTH INSURANCE	800,000	70,287	319,317	39.9%
502	SUPPLIES	2,000	0	0	0.0%
521	AUDIT SERVICES	45,000	13,500	36,000	80.0%
522	CONTRACTUAL SERVICES	250,000	15,330	64,970	26.0%
523	LEGAL SERVICES	0	0	0	0.0%
524	COLLECTION EXPENSE	775,000	69,071	269,771	34.8%
536	LIABILITY INSURANCE	100,000	7,141	35,705	35.7%
546	PUBLICATIONS/MATERIALS	6,000	0	0	0.0%
547	DUES/MEMBERSHIPS	2,000	0	0	0.0%
548	CONFERENCES/SEMINARS	4,500	0	0	0.0%
549	TRAVEL EXPENSES	1,000	0	0	0.0%
556	POSTAGE	250	87	87	34.6%
561	SPACE CENTER LEASE	0	0	0	0.0%
566	SAFETY PROGRAM	10,000	1,750	1,750	17.5%
577	ADMIN BUILDING & GROUNDS MAINT	90,000	3,196	3,196	0.0%
601	CAPITAL REPAIR/REPLACEMENT	500,000	0	. 0	0.0%
TOT	AL SEWER FD - ADMINISTRATION	3,915,360	309,000	1,207,677	30.8%
20	SEWER SERVICES GROUP				
401	SUPERVISORY SALARIES	85,050	9,813	35,944	42.3%
402	CLERICAL SALARIES	0	0	0	0.0%
404	LABOR	568,581	66,627	240,676	42.3%
410	OVERTIME	20,910	3,020	12,330	59.0%
415	ON-CALL PAY	0	0	0	0.0%
420	CERTIFICATION/LONGEVITY	0	0	C	0.0%
501	OFFICE SUPPLIES	1,000	154	568	56.8%
502	MATERIALS & SUPPLIES	50,000	6,511	30,581	61.2%
503	REPLACEMENT PARTS	5,000	1,008	2,168	43.4%
504	CHEMICALS	15,000	0	1,800	12.0%
512	FUEL	25,000	3,171	16,720	66.9%
514	LUBRICANTS	10,000	2,205	2,945	29.5%
518	UNIFORM\RUG SERVICE	6,500	790	3,521	54.2%
522	CONTRACTUAL INSPECTION	10,000	1,606	4,336	43.4%
527	CUSTODIAL SERVICES	120,000	5,811	28,831	24.0%
551	ELECTRICITY	90,000	4,382	30,080	33.4%
552	NATURAL GAS	38,000	1,045	3,522	9.3%
554	TELEPHONE	20,000	3,240	7,172	35.9%
555	WATER	15,000	352	1,005	6.7%
572	VEHICLE MAINTENANCE & REPAIR	50,000	16,415	27,741	55.5%
577	BUILDINGS & GROUNDS MAINT & REP	215,000	32,853	73,975	34.4%
TOT	AL SEWER SERVICES GROUP	1,345,041	159,003	523,915	39.0%
			-	•	
30	WASTEWATER TREATMENT	•			
553	WASTEWATER TREATMENT	6,449,136	537,428	2,687,140	41.7%

## KANKAKEE ENVIRONMENTAL SERVICES UTILITY EXPENDITURE AND REVENUE REPORT September 30, 2022

At 5 months 41.67% EXPENDITURE REPORT

_, ,,		BUDGET	EXPENSES/	YEAR-TO-	YEAR-TO-
22	TECHNICAL STRUCES CROUP	22/23	REVENUES	DATE	DATE %
33 401	TECHNICAL SERVICES GROUP	0.4 500			
401	SUPERVISORY SALARIES	84,500	9,750	35,463	42.0%
402	CLERICAL SALARIES	0	0	0	0.0%
403	TECHNICAL SALARIES	202,961	23,417	85,806	42.3%
410	LABOR OVERTIME	157,421	21,039	82,315	52.3%
415		6,000	669	2,699	45.0%
415	ON-CALL PAY	0	0	0	0.0%
502	CERTIFICATION/LONGEVITY	0	0	0.00	0.0%
502	SUPPLIES  BEDI ACCUSENT DADTO	70,000	4,418	31,646	45.2%
512	REPLACEMENT PARTS FUEL	30,000	1,574	14,608	48.7%
526		2,500	254	1,338	53.5%
554	TECHNICAL SUPPORT	55,000	6,555	7,842	14.3%
571	TECHNICAL MANAGEMANCE	0	0	0	0.0%
572	TECHNICAL MAINTENANCE	4,200	2,724	5,810	138.3%
	VEHICLE MAINTENANCE & REPAIR	4,000	0	148	3.7%
581	TECHNICAL REPAIR	15,000	1,118	1,118	7.5%
тот	TAL TECHNICAL SERVICES GROUP	631,582	71,517	268,793	42.6%
40	LABORATORY SERVICES GROUP				
401	SUPERVISORY SALARIES	84,000	9,692	35,478	42.2%
402	CLERICAL SALARIES	61,394	7,084	25,945	42.3%
403	TECHNICAL SALARIES	282,429	32,758	119,647	42.4%
410	OVERTIME	200	0	0	0.0%
420	CERTIFICATION/LONGEVITY	0	0	0	0.0%
502	LAB SUPPLY	50,000	3,973	13,777	27.6%
503	AA SUPPLY	15,000	1,581	6,799	45.3%
506	CLEANING/COMMODITIES	800	0	94	11.8%
512	FUEL	3,000	364	1,918	63.9%
517	SAFETY SUPPLY	800	0	53	6.6%
522	LABORATORY/CONTRACTUAL SVCS	125,000	21,267	44,339	35.5%
526	COMPUTER SUPPORT	1,800	0	0	0.0%
529	QC/QA STANDARDS	8,000	479	4,248	53.1%
530	CHEMICAL WASTE DISPOSAL	2,000	1,002	1,002	50.1%
546	REFERENCE MATL/HANDBOOKS	800	0	0	0.0%
548	CONFERENCE/SEMINARS	3,000	0	0	0.0%
553	WATER	3,000	0	1,172	39.1%
554	TELEPHONE	0	0	0	0.0%
556	POSTAGE	3,000	1,121	2,115	70.5%
558	COPYING/PRINTING	1,000	0	. 0	0.0%
571	EQUIPMENT SERVICE	30,000	10,078	10,078	33.6%
572	VEHICLE MAINTENANCE & REPAIR	1,600	. 0	82	5.1%
581	EQUIPMENT REPAIR	3,400	0	0	0.0%
TOT	TAL LABORATORY SERVICES GROUP	680,223	89,399	266,746	39.2%
44	SEWER FD - DEBT SERVICE				
691	BOND ISSUE COSTS	-			0.0%
691	BOND PRIN/INTR/FEES	2,150,000	179,167	937,500	43.6%
TO	TAL SEWER FD - DEBT SERVICE	2,150,000	179,167	937,500	43.6%

## KANKAKEE ENVIRONMENTAL SERVICES UTILITY EXPENDITURE AND REVENUE REPORT September 30, 2022

At 5 months 41.67% EXPENDITURE REPORT

EXF	PENDITURE REPORT					
			BUDGET	EXPENSES/	YEAR-TO-	YEAR-TO-
			22/23	REVENUES	DATE	DATE %
50	PUBLIC WORKS GROUP					
401	SUPERVISORY SALARIES		265,000	16,687	103,389	39.0%
402	CLERICAL SALARIES		45,500	5,250	19,185	42.2%
404	LABOR		1,858,333	183,062	725,764	39.1%
410	OVERTIME		90,000	3,065	18.891	21.0%
420	LONGEVITY		0	0,000	10,001	0.0%
502	MATERIALS & SUPPLIES		200.000	5,054	61,602	30.8%
512	FUEL		200,000	12,935	66,974	33.5%
522	COMTRACTUAL SERVICES		60,000	15,996	30,424	50.7%
530	WASTE HAULER		1,915,959	156,051	780,254	40.7%
531	<b>ESU COLLECTION &amp; DISPOSAL</b>		100,000	4,487	31,202	31.2%
548	CONFERENCES/SEMINARS		5,000	0	156	3.1%
572	VEHICLE MAINTENANCE & REPA	JR.	285,000	37,221	112,542	39.5%
588	STREET & ALLEY REPAIR		75,000	156	4,985	6.6%
TOT	AL PUBLIC WORKS GROUP		5,099,792	439.963	1,955,367	38.3%
			0,000,000	400,000	1,000,001	30.37
TO.	TAL UTILITY EXPENSE		20,271,134	1,785,476.78	7,847,137	38.7%
				1,100,170170	7,047,107	<u>50.7 78</u>
DE/	/ENUIT DEPORT					
KE	ENUE REPORT					
004						
361	RESIDENTIAL/COMMERCIAL SEV	VER	6,600,000	585,885	2,699,631	40.9%
363	INDUSTRIAL SEWER		9,400,000	961,721	3,883,505	41.3%
364	SOLID WASTE FEES		3,400,000	307,982	1,333,115	39.2%
366	MANTENO CONTRACT REC'D FE	B 28, 2022	150,000	0	150,000	100.0%
367	CHEBANSE CONTRACT		175,000	22,929	90,978	52.0%
369	KRMA CONTRACT		400,000	32,847	147,142	36.8%
373	HYDRO		55,000	0	0	0.0%
375	IDOT		70,000	0	0	0.0%
397	FEDERAL BOND INT		0	0	0	0.0%
398	APEA REVENUE UTILITY SEWER		0	0	0	0.0%
399	MISC REVENUE		70,000	10,881	48.328	69.0%
TOT	AL REVENUE		20,320,000	1,922,246	8,352,698	41.1%
20.6	of 9/30/2022					
us (	71 0/00/2022		BOND & INTEREST			
	CAPITAL ACCOUNT \$	0				\$1,068,207
		-	RESERVE & REPLACEMEN	11		\$554,460
	GLALIME MOCCOUNT \$ 4,	246,377	SURPLUS			\$50,000
			BOND RESERVE			\$1,900,000



September 29, 2022

To:

Mayor and City Council

City of Kankakee 304 S Indiana Ave.

Kankakee, IL 60901-3945

RE:

REL 22-R0357.02 City of Kankakee

2022 Sanitary Manhole Rehabilitation Bid Results & Award Recommendation

Dear Mayor and City Council:

We have reviewed the bids received on September 29, 2022 for the above referenced project, and find them to be as follows:

<u>Bidder</u>	<u>Bid</u>
Visu-Sewer of Illinois, LLC	\$648,411.00
Kim Construction Co., Inc.	\$909,330.00
Archon Construction Co., Inc.	\$949,589.00
National Power Rodding Corporation	\$1,792,250.00

As seen on the enclosed itemized bid tabulation, the low bid is approximately 12.5% lower the estimated cost of \$740,595.00.

We recommend that the contract be awarded to the low bidder, Visu-Sewer of Illinois, LLC in the amount of Six Hundred Forty-Eight Thousand Four Hundred Eleven Dollars and Zero Cents (\$648,411.00). An itemized bid tabulation, including our detailed cost estimated is enclosed for your review.

If you have any questions, or need additional information, please contact me at your convenience.

Very truly yours,

Joseph Sullivan

**I&I** Department Manager

(815) 412-2025

joe.sullivan@reltd.com

Encl

Bid Tabulation

Xc:

# **Tabulation of Bids**



Date: 9/29/2022	Time: 1:00 PM	Appropriation:			O I I - I - I I I I I I I I I I I I I I
Local Public Agency: City of Kankakee	County:	Section:	Estimate: \$740,595.00	Attended By: Sullivan, Joseph	

				Na	me of Bidder:	Name of Bidder: Visu-Sewer of Illinois LLC		Kim Construction Co. Inc.		Archon Constr	Archon Construction Co. Inc.	National Power Rodding Corp.	Rodding Corp.
				Addr	ess of Bidder:	Address of Bidder: 9014 Thomas Avenue		3142 Holeman		563 S. Route 53	3	2500 W. Arthington St	on St.
						Bridgeview, IL 60455		Steger, IL 60475	5	Addison, IL 60101	01	Chicago, IL 60612	2
				Approved Engineer's Estimate	Engineer's nate	ā							
Item No.	Item Description	Unit	QTY	Unit Price	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
R3006025	INSTALL GASKET SEAL COVER	EACH	13	\$340.00	\$4,420.00	\$1,050.00	\$13,650.00	\$260.00	\$3,380.00	\$387.00	\$5,031.00	\$1,000.00	\$13,000.00
R3006055	INSTALL INFLOW DISH	EACH	7	\$200.00	\$200.00	\$250.00	\$250.00	\$300.00	\$300.00	\$603.00	\$603.00	\$500.00	\$500.00
R3006060	INSTALL INTERNAL CHIMNEY SEAL	EACH	5	\$750.00	\$3,750.00	\$1,260.00	\$6,300.00	\$680.00	\$3,400.00	\$2,601.00	\$13,005.00	\$2,000.00	\$10,000.00
R3006030	INSTALL FRAME AND GASKET SEAL COVER	EACH	65	\$2,500.00	\$162,500.00	\$1,705.00	\$110,825.00	\$3,060.00	\$198,900.00	\$3,501.00	\$227,565.00	\$4,000.00	\$260,000.00
R3006005	SEAL AND ADJUST MANHOLE FRAME	EACH	100	\$2,150.00	\$215,000.00	\$1,705.00	\$170,500.00	\$2,600.00	\$260,000.00	\$3,083.00	\$308,300.00	\$4,000.00	\$400,000.00
R5001012	EXPLORATORY EXCAVATION	EACH	2	\$750.00	\$1,500.00	\$1,575.00	\$3,150.00	\$4,000.00	\$8,000.00	\$1,150.00	\$2,300.00	\$8,500.00	\$17,000.00
R3006095	RAISE MANHOLE FRAME	EACH	8	\$2,350.00	\$7,050.00	\$2,950.00	\$8,850.00	\$3,200.00	\$9,600.00	\$3,083.00	\$9,249.00	\$4,000.00	\$12,000.00
R3006125	MANHOLE CONE TO BE REPLACED	EACH	2	\$2,950.00	\$5,900.00	\$5,900.00	\$11,800.00	\$4,500.00	\$9,000.00	\$4,191.00	\$8,382.00	\$9,125.00	\$18,250.00
R3004025	REPLACE MANHOLE 5-10 FEET DEEP	EACH	~	\$10,000.00	\$10,000.00	\$27,500.00	\$27,500.00	\$22,000.00	\$22,000.00	\$13,908.00	\$13,908.00	\$26,250.00	\$26,250.00
R3006075	GROUT MANHOLE	EACH	13	\$1,000.00	\$13,000.00	\$930.00	\$12,090.00	\$1,500.00	\$19,500.00	\$2,936.00	\$38,168.00	\$2,200.00	\$28,600.00
R3006070	GROUT PIPE SEALS	EACH	15	\$600.00	\$9,000.00	\$930.00	\$13,950.00	\$950.00	\$14,250.00	\$1,004.00	\$15,060.00	\$1,500.00	\$22,500.00
R3006080	CURTAIN GROUT MANHOLE	EACH	8	\$1,750.00	\$5,250.00	\$930.00	\$2,790.00	\$1,900.00	\$5,700.00	\$3,465.00	\$10,395.00	\$2,500.00	\$7,500.00
R3006088	MANHOLES TO BE INTERNALLY SEALED – CEMENTITIOUS COATING	VERT FT	1,085	\$225.00	\$244,125.00	\$145.00	\$157,325.00	\$242.00	\$262,570.00	\$181.00	\$196,385.00	\$550.00	\$596,750.00
RX502704	PATCH WALL JOINTS	EACH	36	\$350.00	\$12,600.00	\$750.00	\$27,000.00	\$700.00	\$25,200.00	\$734.00	\$26,424.00	\$1,600.00	\$57,600.00
RX502705	PATCH TROUGH	EACH	8	\$450.00	\$3,600.00	\$750.00	\$6,000.00	\$500.00	\$4,000.00	\$734.00	\$5,872.00	\$1,500.00	\$12,000.00
R3006086	MANHOLES TO BE INTERNALLY SEALED – EPOXY COATING	VERT FT	23	\$350.00	\$8,050.00	\$365.00	\$8,395.00	\$360.00	\$8,280.00	\$659.00	\$15,157.00	\$200.00	\$4,600.00
RX502706	MANHOLES TO BE EXTERNALLY SEALED - CEMENTITIOUS COATING	VERT FT	33	\$200.00	\$6,600.00	\$145.00	\$4,785.00	\$350.00	\$11,550.00	\$356.00	\$11,748.00	\$6,000.00	\$198,000.00
R3006105	REPLACE BENCH / INVERT	EACH	5	\$1,100.00	\$5,500.00	\$2,750.00	\$13,750.00	\$700.00	\$3,500.00	\$1,333.00	\$6,665.00	\$4,000.00	\$20,000.00
R3006100	REPOUR MANHOLE BENCH	EACH	18	\$750.00	\$13,500.00	\$2,250.00	\$40,500.00	\$1,900.00	\$34,200.00	\$1,333.00	\$23,994.00	\$3,500.00	\$63,000.00
R3006120	MANHOLE TO BE HEAVY CLEANED	EACH	-	\$650.00	\$650.00	\$1.00	\$1.00	\$600.00	\$600.00	\$1,586.00	\$1,586.00	\$700.00	\$700.00
R3006130	VACUUM TESTING	EACH	12	\$700.00	\$8,400.00	\$750.00	\$9,000.00	\$450.00	\$5,400.00	\$816.00	\$9,792.00	\$2,000.00	\$24,000.00
				TOTAL:	\$740,595.00		\$648,411.00		\$909,330.00		\$949,589.00		\$1,792,250.00

BLR 12315 (Rev. 07/16/13)